Index of Claims

-09/709,211

Examiner

C. Michelle Colon

Applicant(s)/Patent under Reexamination

WILLIAMS ET AL.

Art Unit

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|------------|----------|-----------------|---------------|------------|----------|----------|----------------|-----------------|---------------|-------|-----|---------------------|--------|-----------------|----------|----------|---------------|----------|-----------|----------------|-------|----------|-----------|----------|----------|----------|----------|----------------|----------|----------|---|
|            | _        | ١.,             |               |            |          |          |                |                 |               |       | Τ,  | =                   |        |                 |          |          |               |          |           |                |       |          |           |          |          |          |          |                |          |          |   |
| Final      | Original | 7/16/05         |               |            |          |          |                |                 |               | Final |     | Original<br>Billion |        |                 |          |          | -             |          | 1 1       |                | a     | Original |           |          |          | ı        |          |                |          |          |   |
| ι <u>Έ</u> | Ë        | 716             |               |            |          |          |                |                 |               | انتا  |     | <u> </u>            |        |                 |          |          |               |          | H         |                | Final | ř        |           |          |          |          |          |                |          |          |   |
| ļ          | 0        | ^               |               |            |          | li       |                |                 |               |       | ۱,  | ۱ ۱                 |        |                 |          |          |               |          | 1 1       |                |       | 0        |           |          |          |          |          |                |          |          |   |
|            | 1        | V               |               | 1          | †        |          | $\Box$         | $\neg$          | -             |       | 5   | 1                   | $\top$ | П               |          | T        | 十             |          | † ·       |                |       | 101      |           |          |          |          |          |                |          | 7        |   |
|            | 2        | Ž               |               |            |          |          |                | $\dashv$        | 7             |       | 5   |                     |        |                 |          | 7        | _             | 1        | $\vdash$  |                |       | 102      |           | T        |          | ᅥ        |          |                |          |          |   |
|            | 3        | V               |               |            | $\top$   | П        |                | $\neg$          |               |       | 5   |                     | 1      |                 |          | 7        |               | 1        | 1         |                |       | 103      |           |          | $\dashv$ |          | T        |                |          |          |   |
|            | 4        | V               |               | 丁          |          |          |                |                 | 7             |       | 5   | 4                   |        |                 |          |          |               |          | 11        |                |       | 104      |           |          |          |          |          |                |          | ヿ        |   |
|            | 5        | Ī.              |               | $\top$     | Τ        |          | $\Box$         |                 |               |       | 5   |                     |        |                 |          |          |               |          |           |                |       | 105      |           |          | $\neg$   | 寸        |          |                |          |          |   |
|            | 6        | ノ               |               | 7          | Τ        | П        |                | $\neg$          |               |       | 5   | 6                   |        |                 |          | -        |               | $\top$   |           |                |       | 106      |           |          |          |          |          | •              |          |          |   |
|            | 7        | 7               |               | T          |          |          |                |                 |               |       | 5   |                     |        |                 |          |          |               | 1        |           |                |       | 107      |           |          |          |          |          |                |          |          |   |
|            | 8        | V               |               |            |          | П        |                |                 |               |       | 5   |                     | 1-     | П               |          | T        | 十             | 1        | $\Box$    |                |       | 108      |           |          | $\neg$   | ヿ        |          |                |          |          |   |
|            | 9        | V               |               | 1          |          | П        |                |                 |               |       | 5   |                     | 1      |                 |          | T        |               |          | $\Box$    |                |       | 109      |           |          | $\neg$   | ╛        | $\neg$   |                |          | $\neg$   |   |
|            | 10       | V               |               |            |          | П        |                |                 |               |       | 6   |                     |        |                 |          | T        |               |          |           |                |       | 110      |           |          |          |          |          |                |          |          |   |
|            | 11       | V               |               | 1          |          | П        |                |                 |               |       | 6   |                     |        |                 |          |          |               | <b>-</b> |           |                |       | 111      |           |          |          | $\neg$   |          |                | $\neg$   | $\neg$   |   |
|            | 12       | マ               |               | $\top$     |          | П        |                |                 |               |       | 6   |                     |        | П               |          | $\neg$   |               | 1        | $\sqcap$  |                |       | 112      |           |          |          | $\dashv$ |          |                |          |          |   |
|            | 13       | 7               |               |            | $\top$   | П        |                |                 | 7             |       | 6   |                     |        |                 |          | $\neg$   | $\neg$        | 1        | $\sqcap$  |                |       | 113      |           |          | T        | 1        |          |                |          |          |   |
|            | 14       | V               |               |            | 1        | П        |                | _               | 7             |       | 6   |                     |        |                 |          | 7        | _ _           | 1        | $\sqcap$  |                |       | 114      |           |          | $\Box$   | $\dashv$ |          |                | $\neg$   | $\neg$   |   |
|            | 15       | V               |               | $\top$     | 1        | П        | $\Box$         | $\dashv$        |               |       | 6   | 5                   |        | П               |          | $\neg$   |               | $\top$   | П         |                |       | 115      |           |          | $\dashv$ | $\dashv$ | $\neg$   |                | $\neg$   | _        |   |
|            | 16       | V               |               | 1          |          | П        |                |                 |               |       | 6   |                     |        |                 |          | $\neg$   |               | $\top$   | П         |                |       | 116      |           |          |          |          |          |                |          |          |   |
|            | 17       | V               |               | $\top$     | T        | П        |                | $\neg$ †        |               |       | 6   |                     |        |                 | $\neg$   |          |               | $\top$   | $\vdash$  |                |       | 117      |           |          | _        |          |          |                |          | $\dashv$ |   |
|            | 18       | V               |               | 1          |          | П        |                |                 |               |       | 6   |                     |        |                 |          | $\neg$   |               | 1        | П         |                |       | 118      |           |          |          | $\neg$   |          |                | $\neg$   |          |   |
|            | 19       | V               |               | 1          |          | П        |                | T               |               |       | 6   |                     | 1      | П               |          | $\dashv$ |               |          | $\Box$    |                |       | 119      |           |          | $\neg$   |          |          |                |          |          |   |
|            | 20       | V               |               |            |          |          |                |                 | 7             |       | 7   |                     | +      |                 |          | .        | 1             | 1-       | H         |                |       | 120      |           |          | $\neg$   | $\dashv$ |          |                |          |          |   |
|            | 21       | V               |               |            |          |          |                | T               |               |       | 7   | 1                   | $\top$ |                 |          | $\neg$   |               | $\top$   | $\Box$    |                |       | 121      |           |          |          |          |          |                |          |          | _ |
|            | 22       | J               |               |            |          | П        |                | _               | 7             |       | 7   |                     | 1      |                 |          | $\neg$   |               | 1        | П         |                |       | 122      |           |          | T        | _        |          |                | 寸        | ヿ        |   |
|            | 23       | 7               |               |            |          |          | $\dashv$       | T               |               |       | 7   | 3                   |        |                 | $\dashv$ | $\dashv$ |               | 1        | $\Box$    |                |       | 123      |           | T        | - 1      | $\dashv$ | 寸        |                | $\neg$   | _        |   |
|            | 24       | V               |               |            |          | П        |                |                 | <b>-</b>  ::: | -     | 7   |                     |        |                 | $\dashv$ | $\dashv$ |               | 1        | $\Box$    |                |       | 124      |           |          | T        | 寸        | $\dashv$ |                | 寸        |          |   |
|            | 25       | J               |               |            | 1        |          |                |                 | 1             |       | 7   |                     |        |                 | 寸        | $\dashv$ | _             | +-       | +         |                |       | 125      |           | $\dashv$ |          | 寸        | $\neg$   | $\neg$         | 一        | _        |   |
|            | 26       | V               |               | $\top$     | T        | Ħ        | 一              | 寸               | 7             |       | 7   | 6                   |        |                 | _        |          |               | 1-       | $\vdash$  |                |       | 126      |           | $\neg$   |          | $\neg$   | _        |                | $\dashv$ |          |   |
|            | 27       | Ť               |               | 1          | 1        |          | T              |                 | 7111          | -     | 7   |                     |        |                 | $\dashv$ | _        | _             | 1        | +         |                |       | 127      |           |          |          | $\neg$   |          |                | ヿ        | _        |   |
|            | 28       |                 |               | 1          |          | П        |                | $\dashv$        | -             |       | 7   |                     |        |                 | _        |          |               | 1        | Н         |                |       | 128      |           |          |          | $\dashv$ |          |                | 寸        |          |   |
|            | 29       |                 |               |            | 1        |          | $\neg \dagger$ | _               | -             |       | 7   | 9                   |        |                 | _        |          |               | i        | П         |                |       | 129      |           |          | _        | 寸        | $\dashv$ |                | $\dashv$ | $\neg$   |   |
|            | 30       |                 |               | T          |          | П        |                | 寸               | 711           |       | 8   |                     | $\top$ |                 | 一        | _        | $\top$        | 1        | П         |                |       | 130      | $\neg$    |          |          | ┪        |          |                | $\dashv$ |          |   |
|            | 31       |                 |               |            |          | П        |                | _               |               |       | 8   |                     |        |                 | -        | $\dashv$ | $\top$        | +        | $\vdash$  |                |       | 131      | $\neg$    | $\neg$   | 寸        | $\dashv$ | 一        |                | _        |          |   |
|            | 32       |                 | 十             | 1          | T        |          |                |                 | $\dashv$      |       | 8   |                     | _      |                 | _        | 7        |               | +        | $\vdash$  |                |       | 132      | $\neg$    | $\dashv$ | _        | $\dashv$ | .        |                |          | _        |   |
|            | 33       |                 | $\top$        | 1          | 1        | П        |                | _               | $\dashv$      |       | 8   |                     | 1-     |                 | $\dashv$ | $\dashv$ |               | +-       | Н         |                |       | 133      | $\neg$    |          |          | ┪        | ┪        | $\neg$         | _        |          |   |
|            | 34       | П               | $\top$        | T          | $\vdash$ |          | $\Box$         | $\dashv$        |               |       | 8   |                     | 1      | $\square$       | $\dashv$ | $\dashv$ | $\neg$        | †        | П         |                |       | 134      |           |          | $\dashv$ | 寸        | ᅱ        | $\dashv$       | $\dashv$ | $\dashv$ |   |
|            | 35       | П               | $\neg$        | T          | Т        |          | $\dashv$       | $\neg \uparrow$ | 7             |       | . 8 | 5                   | 1      |                 | 1        | $\top$   | 1             | 1 -      | $\Box$    | ::::: <b>:</b> |       | 135      | $\exists$ |          | $\dashv$ | $\neg$   | _        | $\neg$         | _        | $\dashv$ |   |
|            | 36       | П               | $\neg$        |            |          |          | $\dashv$       | $\dashv$        | -             |       | 8   |                     | 1      | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$      | +        | H         |                |       | 136      |           |          | $\dashv$ |          | _        | $\dashv$       | $\dashv$ | $\dashv$ |   |
| _          | 37       | П               | <del> </del>  | T          |          | $\Box$   |                | +               |               | -     | 8   |                     | 1      | H               | 1        | _        | _             | $\top$   | $\vdash$  |                |       | 137      | $\vdash$  | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ |   |
|            | 38       | Н               | $\dashv$      | T          |          |          | $\dashv$       | $\dashv$        |               |       | 8   |                     | 1      | H               | $\dashv$ | $\dashv$ | $\neg \vdash$ | +        | $\forall$ | :::: <b>:</b>  |       | 138      | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$       | $\dashv$ | $\dashv$ |   |
|            | 39       | П               | $\top$        | T          | 1        |          | $\dashv$       | $\dashv$        | <b>-</b>  ::: |       | 8   |                     | +      | H               | $\dashv$ | 十        | _             | +        | $\vdash$  |                |       | 139      |           | $\dashv$ | $\dashv$ | $\dashv$ | 7        | $\dashv$       | $\dashv$ | $\dashv$ |   |
|            | 40       | П               | 十             | $\top$     | T        | П        | $\dashv$       | $\dashv$        |               |       | 9   | <del>5</del>        |        | $\Box$          | 寸        | $\dashv$ | +             |          | $\Box$    |                |       | 140      |           |          | $\dashv$ | _        | -        | $\dashv$       | -        | $\dashv$ |   |
|            | 41       | Н               | +             | $\top$     |          | $\vdash$ | $\dashv$       | $\dashv$        | $\dashv$      |       | 9   |                     | $\top$ | H               | $\dashv$ | $\dashv$ | +             | +        | $\forall$ | 1              |       | 141      |           |          | $\dashv$ |          |          | $\neg$         | $\dashv$ | $\dashv$ |   |
|            | 42       | $\Box$          |               | 1          | 1        | H        | +              | $\dashv$        | 7             |       | 9   | 2                   |        | $\vdash \vdash$ | $\dashv$ | +        | $\vdash$      | +        | Н         | H              |       | 142      | $\neg$    |          | $\dashv$ | +        | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ |   |
|            | 43       |                 |               | $\top$     | 1        | H        |                | $\dashv$        | 1             |       | 9   |                     |        | H               | +        | $\dashv$ | +             | +        | $\vdash$  | ŀ              |       | 143      |           | $\dashv$ | $\dashv$ | 7        | 7        | $\dashv$       | $\dashv$ | $\dashv$ |   |
|            | 44       | $\sqcap$        | _             | †          | 1        | $\vdash$ | _              | $\dashv$        | 1             |       | 9   |                     |        | $\vdash$        | 1        | $\dashv$ | - -           | +        | Н         | ŀ              |       | 144      | $\dashv$  | $\dashv$ | $\dashv$ | ┪        | -        | $\dashv$       | $\dashv$ | _        |   |
|            | 45       | $\vdash \vdash$ |               | T          |          | $\vdash$ | 一              | +               | -             |       | 9   |                     | 1      | $\vdash$        | $\dashv$ | $\dashv$ | $\top$        | +        | Н         | ŀ              |       | 145      | $\dashv$  | -        | +        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$ | +        |   |
|            | 46       | $\Box$          | $\neg \vdash$ | 1          | П        | H        | 一              | 十               |               |       | 9   | 5                   | +      | $\vdash$        | $\dashv$ | $\dashv$ | $\top$        | 1        | Н         | ŀ              |       | 146      |           | $\neg$   | $\dashv$ | -+       | _        | ┪              | $\dashv$ | $\dashv$ |   |
|            | 47       | $\dashv$        | $\top$        | +          | $\vdash$ | $\vdash$ | $\dashv$       | $\dashv$        | 111           |       | 9   |                     |        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | 1             | +        | Н         | ł              |       | 147      |           | $\dashv$ | $\dashv$ | 十        | -        | <del>-  </del> | +        | $\dashv$ | _ |
|            | 48       | $\vdash$        | -             |            | $\vdash$ | $\vdash$ | $\dashv$       | _               | -             |       | 9   |                     | 1      |                 | $\dashv$ | $\dashv$ |               | +-       | Н         | ŀ              |       | 148      | -         | $\dashv$ | $\dashv$ | $\dashv$ |          | <del>-  </del> | $\dashv$ | $\dashv$ | _ |
|            | 49       | $\dashv$        |               | +          |          |          | 十              | $\dashv$        |               |       | 9   |                     | +      | $\vdash$        | $\dashv$ | $\dashv$ | +             | 1        | $\vdash$  |                |       | 149      | $\dashv$  | $\dashv$ | $\dashv$ | +        | -        | $\dashv$       | $\dashv$ | $\dashv$ |   |
|            | 50       | $\Box$          | $\top$        | $\top$     | T        |          | $\dashv$       | $\top$          |               | -     | 10  |                     | 1      | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$      | +        | Н         | H              |       | 150      | _         | -        | $\dashv$ | -        | $\dashv$ |                | $\dashv$ | $\dashv$ |   |
|            |          |                 |               |            |          |          |                |                 |               |       |     |                     |        |                 |          |          |               |          | السنا     | · · · · · L    |       |          |           |          |          |          |          |                | _ 1      |          |   |